

### REMARKS

Claims 1, and 4-6 are pending in this application, of which claim 1 is independent. Reconsideration of the action mailed December 5, 2005 is respectfully requested in view of the foregoing amendments and the following remarks.

The applicant has amended claim 1 to include the features of previously-presented claim 7 (now canceled), which the examiner indicated included allowable subject matter. The applicant has also amended claim 1 to replace "the switch system having a plurality of flows  $i$  ( $i=1\sim N$ ), each flow  $i$  having an output queue," with "the switch system having a plurality of flows  $i$  ( $i=1\sim N$ ) and an output queue." Support for this amendment can be found, in one example, in FIG. 1 and the related description at page 4, lines 15-18, which states:

FIG. 1 shows the system architecture for performing the scheduling method of the present invention, wherein the number of flows in the system is assumed to be  $N$ . The packet from flow  $i$  is processed by the present scheduling method and output through the output queue 11.

The amendments to claim 1 do not introduce new matter to the present application.

Claim 4 has been amended to correct a typographical error and withdrawal of the objections is requested.

It is believed that all of the pending claims have been addressed. However, the absence of a reply to a specific rejection, issue or comment does not signify agreement with or concession of that rejection, issue or comment. In addition, because the arguments made above may not be exhaustive, there may be reasons for patentability of any or all pending claims (or other claims) that have not been expressed. Finally, nothing in this paper should be construed as an intent to concede any issue with regard to any claim, except as specifically stated in this paper, and the amendment of any claim does not necessarily signify concession of unpatentability of the claim prior to its amendment.

Applicant : Maria Yuang et al.  
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Respectfully submitted,

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Mandy Jubang  
Reg. No. 45,884

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906